

I CLAIM:

1. A method for recycling glass, comprising the steps of:

5 (a) mixing glass shards with carbon powders so as to permit adhesion of the carbon powders to the surface of each glass shard;

(b) heating the glass shards so as to melt the surface of each glass shard;

(c) cooling the heated glass shards; and

10 (d) removing the carbon powders from the glass shards.

2. The method of claim 1, wherein the weight ratio of the glass shards to the carbon powders ranges from 110:1 to 90:1.

15 3. The method of claim 2, wherein the weight ratio of the glass shards to the carbon powders is 100:1.

4. The method of claim 1, wherein steps (b) and (c) are conducted by conveying the glass shards through a heating furnace using a conveying drum.

20 5. The method of claim 4, wherein, in sequence, the glass shards are heated from room temperature to 500°C, are heated from 500°C to 1000°C, are cooled from 1000°C to 500°C, and are cooled from 500°C to the room temperature.